



MINISTERIO DE INDUSTRIA Y COMERCIO
Admisión C216915 60000001 Folios 12
Fecha (GG) 25/11 Co-Co 14 57 58
Trámite 683 PATENTE, D I REGISTRO/ 422 OPOSICIÓN
Dependencia 2020 DIVISIÓN DE NUEVAS CREACIONES

FORMULARIO ÚNICO DE OPOSICIÓN
2000-12

- ① OPOSICIÓN A
- | | |
|---|---|
| ☐ Patente de Invención | ☐ Marca Colectiva |
| ☐ Patente de Modelo de Utilidad | ☐ Marca de Certificación |
| ☐ Diseño Industrial | ☐ Lema Comercial |
| ☐ Esquema de Trazado para Circuitos Integrados | |
| ☐ Marcas de Productos o Servicios | |

② SOLICITUD PUBLICADA

Numero del expediente 00216915
Solicitante CARLOS ALBERTO SANTAMARIA TUBUN
Apoderado CARLOS ALBERTO SANTAMARIA
Título de la nueva creación o denominación del signo SANTARIO
INTELIGENTE
Gaceta 505

③ OPOSICIÓN PRESENTADA POR:

OPOSITOR	Nombre <u>COMPAÑIA COLOMBIANA DE CERAMICA S.A.</u> Dirección <u>CL 81 No 58A-50</u> Telefono <u>6309977</u> Fax <u>6309444</u> E mail Domicilio <u>BUCOTA</u>	IDENTIFICACIÓN CC ☐ NT ☐ CE ☐ Otro ☐ Numero <u>860 002 536-5</u>
REPRESENTANTE O APODERADO (74)	Nombre <u>GERARDO COMEZ MORALES</u> Dirección <u>CL 100 No 8A-55 P 9</u> Telefono <u>6105555</u> Fax <u>6211771</u> E mail	IDENTIFICACIÓN CC ☒ NT ☐ CE ☐ Otro ☐ Numero <u>8 264 091</u> TP

④ FUNDAMENTOS DE LA OPOSICIÓN:

Causa Artículo 115 de la Decisión 486 de la Comisión de la Comunidad Andina

Justificación De conformidad con la información en la que se basa el modelo de utilidad solicitado como novedad por cuanto se halla presente en el estado de la técnica y ha sido objeto de producción y comercialización al público desde hace varios años por varias empresas productoras, a nivel internacional.

④ Comprobante de pago No. _____ Fecha _____

⑤ ANEXOS

- ☐ Comprobante de pago de la tasa
- ☐ Poderes, si fuere el caso
- ☐ Pruebas de los fundamentos de la oposición
- ☐ Documentos que acrediten el legítimo interés si fuere el caso
- ☐ Certificado de existencia y representación legal de las partes cuando sean personas jurídicas

⑥

NOMBRE: GERARDO GOMEZ MORALES

FIRMA:

C.C. 8.264.091 de 2010

cción: 003
olicitud: 00 004.616
A6N 11/02; 11/00

(11) Nº de publicación: 004
(21) Número de solicitud: 00 216.915
(51) Int. Cl.: E03D 1/00

(12) Solicitud de patente de modelo de utilidad sin examen previo

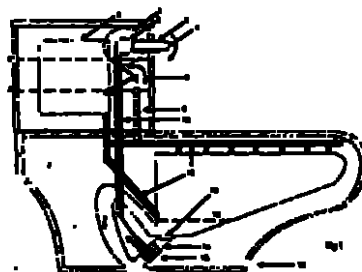
JOSÉ MARIO ESCOBAR DELGADO
JOSÉ M. ESCOBAR DELGADO
MARGARITA MARIA MORALES MONTAÑA

(22) Fecha de presentación: 25-11-2000
(30) Prioridad:
(45) Fecha de anuncio de la concesión:
(46) Fecha de publicación del folleto de patente:

(71) Titular/es: CARLOS ALBERTO SANTAMARÍA TUDÓN
(72) Inventor/es: CARLOS A. SANTAMARÍA TUDÓN
(74) Agente:

(54) Título: SANITARIO INTELIGENTE.

(57) Resumen: 1.- Sanitario inteligente caracterizado porque permite realizar los procesos de evacuación de orina y de materia fecal de forma independiente logrando así un ahorro considerable de agua.





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Industria y Comercio

SUPERINTENDENCIA

NIT : 800176089-2

Radicación : 08216915 00020001

Folios: 12

Fecha (REC): 2001-08-08 14:57:58

Trámite : 003 PATENTES D 1 REGISTRO/ 400 OPOSICION

Dependencia: 2020 DIVISION DE NUEVAS CREACIONES

RECIBO OFICIAL DE CAJA : 01 - 29,016
FECHA : MAYO 10 DE 2001

***** CONSIGNACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
COLCERANICA	CONSIGNACION	BANCO POPULAR	050-00110-6	3995700	04/05/2001	582,120.00

***** CONCEPTO *****

CANT. CONTISTICO	CONCEPTO	TOTAL CONCEPTO
1 50005-01-04 PRESENTACION DE OBSERVACIONES	12 MARCAS Y LEYAS COMERCIALES	190,080.00
	TOTAL :	\$ 190,080.00

SON: CIENTO NOVENTA MIL OCHENTA PESOS

RESPONSABLE : _____

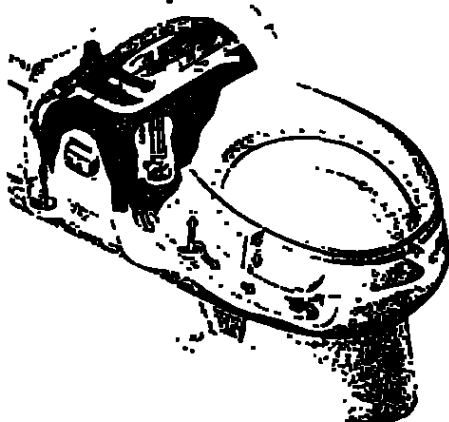
RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

Carrera 13 No. 27-00 Pisos 5, 7 y 10
Conmutador 382 0840
Fax 350 5220
E-mail: info@sic.gov.co
www.sic.gov.co
Bogotá, D.C., Colombia

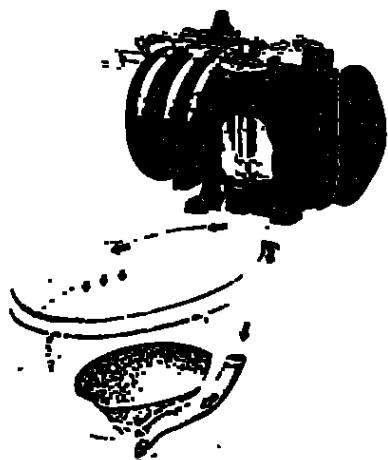
Kohler® Lite toilets operate with one of three systems: Power Lite™, Pressure Lite™, or Gravity-fed. Each system is matched to the toilet design for maximum performance. For additional information, refer to the Kohler Lite Toilets brochure (150401-AA).

PRESSURE LITE OPERATING SYSTEM

Kohler's exclusive Pressure Lite operating system uses incoming water supply line pressure to compress air in a reservoir within the tank of one- or two-piece models. When the toilet is flushed, the compressed air within the reservoir propels water to the siphon jet bowl for effective flushing action. The robust flushing sound is tangible evidence of the powerful performance of the Pressure Lite operating system. Inlet water pressure of 25-80 psi is required. System components are preset at the factory with no adjustment necessary for easy installation.



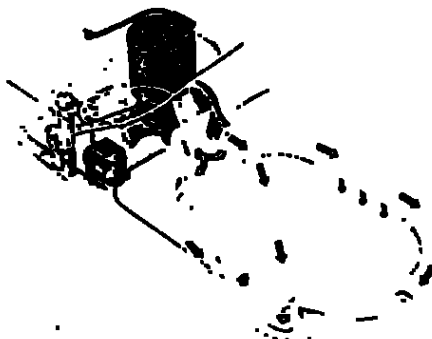
One-piece Pressure Lite



Two-piece Pressure Lite

POWER LITE OPERATING SYSTEM

Kohler sets a new industry standard for low-consumption technology with the Power Lite operating system. This system utilizes a Twin Touch™ actuator to offer a choice of 1.1 or 1.6 gallons of water per flush. The key to this simple, yet ultra-efficient flushing system is a factory-installed .2 hp pump. It quickly propels water from the toilet tank directly to the rim and siphon jet for complete bowl flushing, even with water pressure as low as 20 psi. To power the pump, the toilet must be plugged into a standard GFCI electrical outlet.



One-piece Power Lite

Twin Touch

A light touch of the Twin Touch actuator is all that's needed for an ultra-efficient flush. Simply touch the actuator's small press point for a 1.1 gallon flush or the large press point for a 1.6 gallon flush.

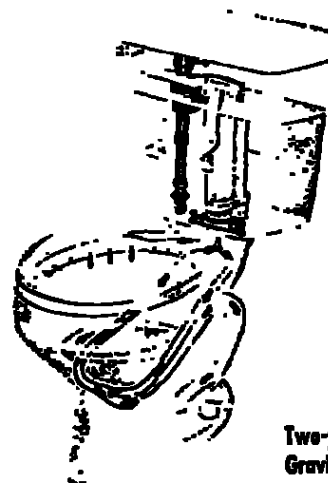


GRAVITY-FED OPERATING SYSTEM

Gravity-fed Kohler Lite toilets utilize the natural force of water dropping down from the tank to begin the flushing action. One-piece models direct water quickly to the trapway via four rim jets. Two-piece models feature two integral vitreous china channels that supply tank water directly to the front priming jet for quick siphon action and efficient flushing.



One-piece Gravity-fed



Two-piece Gravity-fed

Eco Lite



The exclusive Eco Lite dual flush actuator sets the standard for water conservation. Two separate flush levers are visually integrated into one. A light touch of the shorter lever delivers an efficient 1.1 gallons of flushing action. Press the longer lever to activate a full 1.6 gallon flush.

B4167

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WDI

Adjustable Dual Flush Valve

Full flush

Partial flush



Overflow is available in virtually any height required.

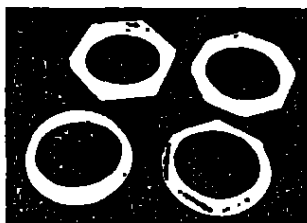
Simple height adjustment.

B4167

Easy finger touch control.



Unique design provides easy installation and maintenance.



Also available with a wide variety of spud nuts.



B4169

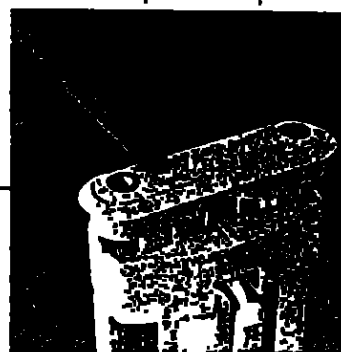
WDI

Adjustable Dual Flush Valve

Full flush

Partial flush

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Overflow is available in virtually any height required.

Simple height adjustment.

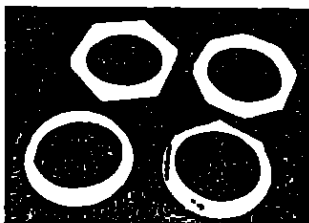


B4169

Easy finger touch control.



Unique design provides easy installation and maintenance.



Also available with a wide variety of spud nuts.

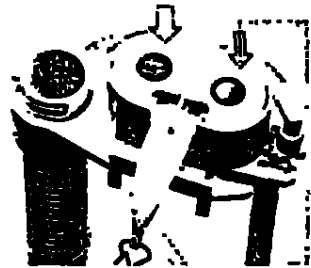


B4188

WDI

2" Dual Flush Valve

Full Flush Partial Flush



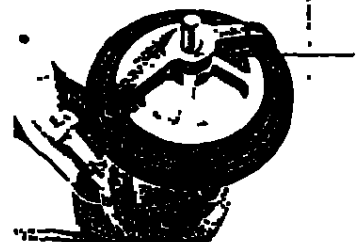
Dual push button stand.



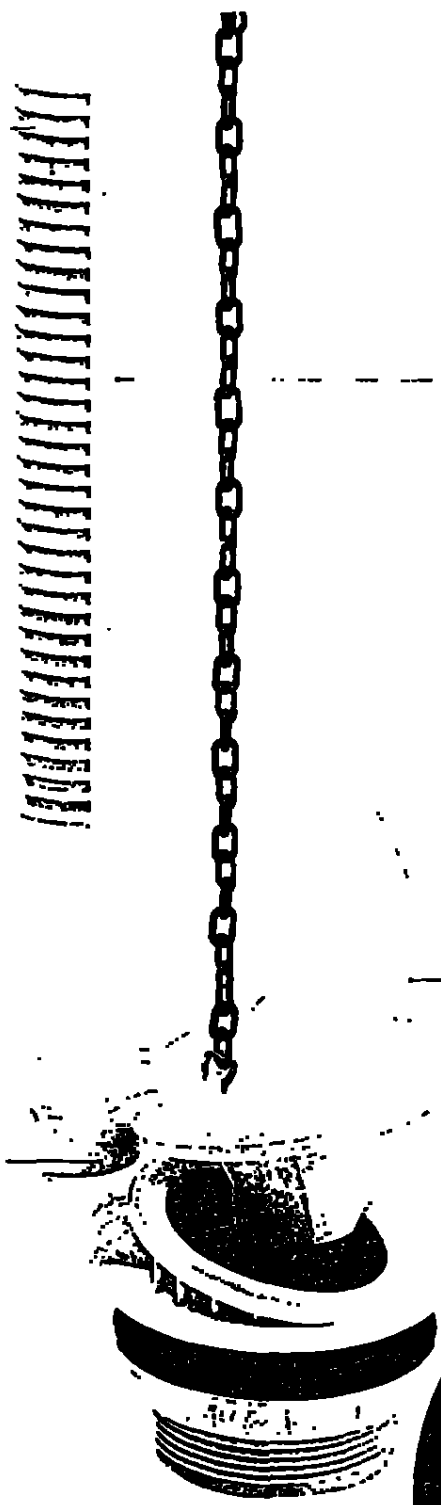
Patent pending flapper w/adjustable closure control.



Available in one piece toilet.

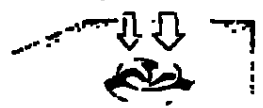


Easy top mount installation single brass hardware.



Available in two piece toilet.

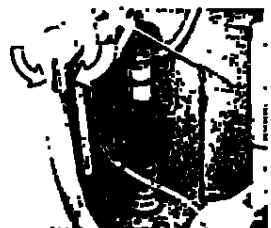
Partial Flush Full Flush



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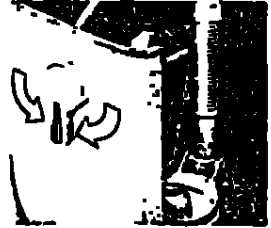
Available in B5066 top-mount push-button.

Partial Flush
Full Flush



Available in B5288 front-mount tank lever.

Partial Flush
Full Flush



Available in B5188 side-mount tank lever.

Chlorine resistant Silicone tube.

B4188



Both for one piece toilet and two piece toilets

Patent Pending

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Construction Resources Product Data

Trevi E dual-flush water-saving WC

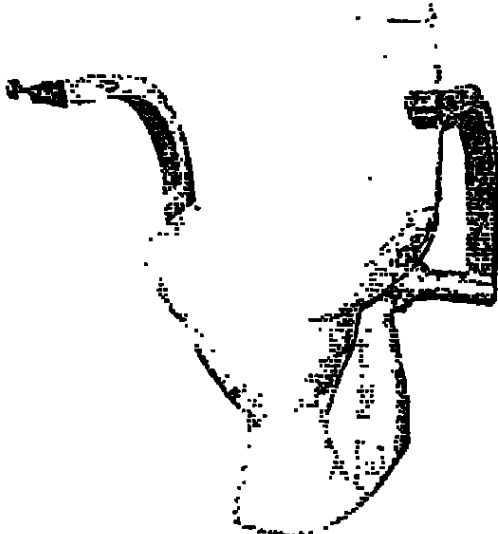
Print / PDF

The Trevi E is the most advanced water-saving WC currently available. It has an integrated close-coupled cistern with a dual-action flush releasing either four litres of water for a full flush or two and a half litres to flush away urine only. The Trevi E WC is available in 4 different models including a wall-hung version and a special version with lifting arms for disabled use. All models include the dual-flush integrated cistern.

- Substantial water savings compared to conventional cistern toilets
- Efficient effective flush
- Stylish design

The flushing button is marked with a large drop and a small drop of water to indicate large and small flush respectively. The Trevi E flushing mechanism can be adjusted from four litres to six litres: the initial factory setting is four litres. The special design of the bowl and flushing mechanism make it possible for flushing to be effective with these ultra-low water volumes.

Both bowl and cistern are ideal-standard white porcelain with a white plastic seat.



The effectiveness of the four litre flush is dependent on a drop-valve flushing mechanism. While this is used almost universally on the continent, it is not approved for use in the UK until January 2001. Until this date, the drop valve four litre flush should only be used for WCs flushed with rainwater.

Please note : The Trevi E needs a minimum of 1 bar pressure to fill and therefore is unsuitable for connection to low pressure cold water systems.

If installing the Trevi E for public use, we recommend adjusting the flush to 6 and 3 litres. This can be easily done by the plumber on site.

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Product Data

Model	Description	Total depth	Seat depth	Total height	Seat height	Width	Seat type	Factory set flush volumes*	Outlet	Weight
37096	Standard Pan (S Trap)	650	420	785	400	355	soft	4/2.5	S-trap, concealed	26
39198	Standard Pan (Horizontal Outlet)	595	420	785	400	350	hard	4/2.5	Horizontal outlet	21
39294**	Disabled with arms	650	420	845	460	355	hard	4/2.5	Strap, concealed	31
37195***	Wall-hung	625	420	695	340	350	soft	4/2.5	Horizontal outlet	25

All toilets supplied in ideal standard white.
 We can supply a 15mm flexible connector compatible with 15mm copper and plastic pipe for UK installation.
 Dimensions in mm and Weights in kg
 Technical sheets for all models are available on request
 * For use in public conveniences we recommend that the flush volumes are adjusted to 6 and 3 litres at the time of installation.
 ** Available to special order only
 ***Requires 66040 mounting frame if installing on a partition wall

Construction Resources

16 Great Guildford Street London SE1 0HS Tel: 020 7460 2211 Fax: 020 7460 2212 email: info@ecoconstruct.com



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Dual Flush

"Culturally, Australians have a deep-rooted appreciation of the need to conserve water and have shown a willingness to accept the introduction into the marketplace of bathroom appliances that are environmentally and socially responsible."

Steve Cummings, Research and

Development Manager

Caroma designers and technicians have designed a AAA Water Conservation Rating dual flush toilet system to reduce water usage and provide resulting financial benefits. The combined six litre full flush and 3 litre half flush (6/3 litre) dual flush system is the latest development in Caroma's research and technological advancement. The unit has an average flush volume equivalent to only 3.8 litres, with the potential to reduce a family of four's water usage by up to 67 per cent compared with the traditional 11 litre single flush cistern.

Caroma was founded by Charles Rothauser in 1941. Production and technological innovation began in 1945 with the creation of the world's first transfer injection moulder (an innovative plastic moulding process). With this process the company produced the first plastic hypodermic syringe, then in 1956 the "Deluxe" all-plastic cistern. Today Caroma is regarded as the undisputed leader in the Australasian sanitaryware industry.

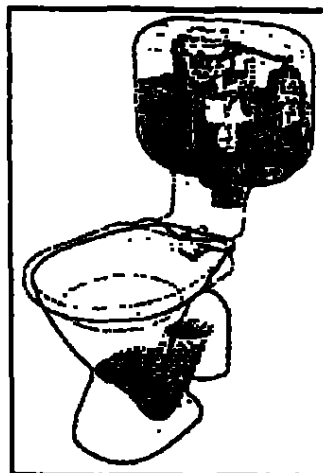
Caroma is a wholly owned subsidiary of GWA International Limited, a Brisbane-based, Australian-owned company, with diverse interests, including Sebel Furniture, Rover Mowers, Poolrite, Dux Water Heaters and Gainsborough Hardware. GWA employs more than 3000 people.

Design for environment

Australia is the driest inhabited continent on earth, with over 70 per cent of the land surface comprising desert or semi-desert. Water consumption from bathroom appliances was not considered a major issue in Australia until the 1970s, with the need to address bathroom water usage driven mainly by water authorities and governments.

Caroma began investigation and development of dual flush systems with a Commonwealth Government industry grant (approximately \$150,000) in the late 1970s. The company recognised that the technology had the potential to meet economic, market and environmental objectives.

The system has been designed for ease of assembly and longevity, with minimal and durable components. The valve mechanism controlling the dual flush contains recycled ABS plastics sourced from Caroma's manufacturing waste. Life cycle testing on the valve has indicated that it has a life span of approximately 30 years. The life span of the complete system (subject to some servicing and replacement of rubbers) should equate to that of the house in which it is installed.



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The toilets incorporating the dual flush system have been designed with environmental low-impact materials of either inert plastics or vitreous china.

The plastics are recyclable and the vitreous china has a number of second life applications.

The dual flush system

The manufacturing process is continually assessed for efficiency in energy and water consumption and waste outputs (solid, liquid and air). This assessment has been enhanced through the introduction of an ISO 14001 accredited environmental management system for the company's plastics section.

Issues and barriers

Key design and development issues included:

- Australian Government standards - the necessity for the system to comply with the performance requirements of the half-flush and full-flush volumes;
- health issues - ensuring no cross contamination of water supply;
- sewers and drainage systems - ensuring flush volumes were adequate to remove materials from the drainage system and along the sewer; and
- user acceptance - designing a simple-to-use and effective system.

Failure to properly address any of these issues would have made the water savings benefits and the commercial viability of the 6/3 litre dual flush system unable to be fully realised in the Australian marketplace.

Monitoring

To ensure the optimum performance of its dual flush technology, Caroma has developed a monitoring system to track products from manufacture to installation and repair. This process has been implemented as part of the company's ISO 9001 accredited Quality Management System. A bar code system has been developed for recording product information such as the date and place of manufacture and components installed. This information can be accessed during servicing of the system.

Environmental benefits



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Industria y Comercio
SUPERINTENDENCIA

2020
Bogotá, D.C.,

Señor:
Gerardo Gómez Morales

ASUNTO:	Radicación N°	00-216915
	Trámite	003
	Evento	001
	Actuación	330
	Oficio N°	2355
	Folios	001

Con fundamento en lo previsto por el artículo 42 de la Decisión 486 de la Comisión de la Comunidad Andina, en concordancia con lo dispuesto en el artículo 85 de la misma decisión, se le comunica que las oposiciones presentadas por usted en representación de la Compañía Colombiana de Cerámica S.A., dentro de la solicitud de patente de Modelo de Utilidad que se adelanta en el expediente de la referencia, no reúnen los requisitos formales exigidos por la ley al momento de su presentación, comoquiera que no acredita la calidad de representante legal o apoderado, no anexa poder para actuar o certificado de existencia y representación legal del opositor, no fundamenta las oposiciones con el propósito de desvirtuar la patentabilidad de la invención, en los términos del mencionado artículo y no acredita el pago de la tasa respecto del opositor.

Notifíquese el presente oficio conforme a lo dispuesto en el artículo 8 de la resolución reglamentaria N° 00210 del 15 de enero de 2001, advirtiéndole que contra él no procede recurso alguno en la vía gubernativa.


ALIX CARMENZA CESPEDES DE VERGEL
Jefe de la División de Nuevas Creaciones.

23 AGO. 2001

El anterior oficio fue notificado por fijación en lista de fecha, _____.

202021

Carrera 13 No. 27-00 Pisos 5, 7 y 10
Conmutador: 382 0840
Fax: 382 2695
E-mail: Info@sic.gov.co
Bogotá, D.C., Colombia



Industria y Comercio

SUPERINTENDENCIA

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

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RESOLUCION 40927

Por la cual se declara abandonada una solicitud

Rad. Exp. N° 00-216915

EL SUPERINTENDENTE DELEGADO PARA LA PROPIEDAD INDUSTRIAL
en ejercicio de sus facultades legales, y

CONSIDERANDO:

PRIMERO: El artículo 44 de la Decisión 486 de la Comisión de la Comunidad Andina, establece que: "Dentro del plazo de seis meses contados desde la publicación de la solicitud, independientemente que se hubieren presentado oposiciones, el solicitante deberá pedir que se examine si la invención es patentable. Los Países Miembros podrán cobrar una tasa para la realización de este examen. Si transcurriera dicho plazo sin que el solicitante hubiera pedido que se realice el examen, la solicitud caerá en abandono".

Por su parte, el artículo 85 señala que: "Son aplicables a las patentes de modelo de utilidad, las disposiciones sobre patentes de invención contenidas en la presente Decisión en lo que fuere pertinente, salvo en lo dispuesto con relación a los plazos que se reducirán a la mitad".

SEGUNDO: El extracto de esta solicitud fue publicado en la Gaceta de la Propiedad Industrial N° 505 del 27 de junio de 2001. Contados tres meses desde la publicación de la misma, no se presentó petición de parte del interesado, para efectuar el examen de fondo.

De conformidad con lo anterior, se considera abandonada la solicitud en los términos del mencionado artículo 44.

RESUELVE:

ARTICULO PRIMERO: Declarar abandonada la solicitud de privilegio de patente de modelo de utilidad contenida en el expediente de la referencia.

ARTICULO SEGUNDO: Notificar el contenido de la presente resolución al señor Carlos Alberto Santamaría Tobón, quien actúa en nombre propio, entregándole copia de la misma y advirtiéndole que contra ella procede el recurso de reposición ante el Superintendente Delegado para la Propiedad Industrial, del cual podrá hacer uso al momento de la notificación, o dentro de los 5 días hábiles siguientes a ella.

NOTIFÍQUESE Y CUMPLASE

Dada en Bogotá, D.C., a los 30 NOV. 2001

EL SUPERINTENDENTE DELEGADO PARA LA PROPIEDAD INDUSTRIAL,

JUAN GUILLERMO TOURE PEREZ

Señor
CARLOS ALBERTO SANTAMARIA TOBON
Carrera 72 N° 14 - 21 Edif. 77, Apto 101.
Medellín, Antioquia.

Carrera 13 No. 27-00 Pisos 5, 7 y 10

Conmutador: 382 0840

Fax: 382 2695

E-mail: info@sic.gov.co

Bogotá, D.C., Colombia

20021

40927

GOBIERNO DE LA CIUDAD DE GUAYMAS
EL SE. SECRETARIO GENERAL ALFONSO
CERTIFICA

Que fue remitido despacho comisionado No 5268
Dirigido a la alcaldia municipal de Aradellin

El día _____
con el fin de notificar el contenido de la pre
Resolución conforme a lo dispuesto en el
orden administrativo.